

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
4 August 2005 (04.08.2005)

PCT

(10) International Publication Number
WO 2005/071393 A3

(51) International Patent Classification⁷: G01N 33/543, 33/52

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number: PCT/JP2005/000811

(22) International Filing Date: 18 January 2005 (18.01.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 2004-015974 23 January 2004 (23.01.2004) JP

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(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

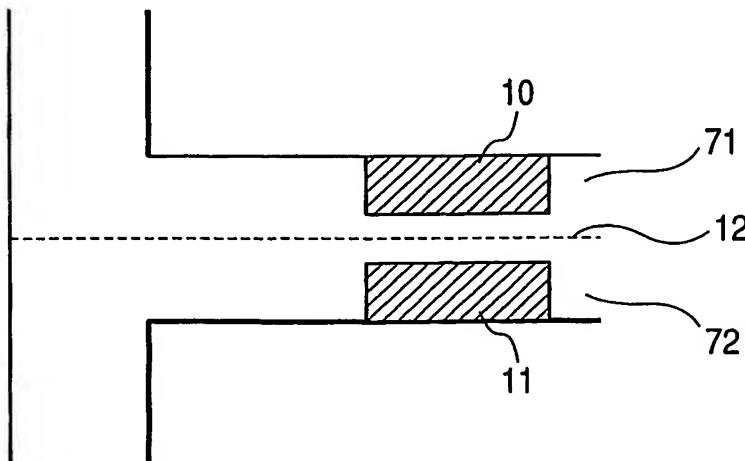
Published:

— with international search report

(88) Date of publication of the international search report: 27 October 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DETECTING ELEMENT AND DETECTION METHOD



(57) Abstract: A detecting element for detecting a plurality of different substances in a specimen, characterized by including: a channel provided on a substrate, which is capable of forming a plurality of layers of flow of a fluid; and a plurality of different substance trapping portions provided in the channel, for trapping the plurality of different substances in the specimen, respectively, in which: the plurality of different substance trapping portions are provided separately in accordance with the plurality of layers of flow of a fluid to be formed; and the plurality of different substance trapping portions are each arranged to acquire independent information on each of the substances in the specimen through an action between the fluid and the trapped substance.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2005/000811

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01N33/543 G01N33/52

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, MEDLINE, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/07653 A (THE REGENTS OF THE UNIVERSITY OF CALIFORNIA) 1 February 2001 (2001-02-01) page 2, line 20 - page 4, line 21 page 5, line 25 - line 27 page 8, line 4 - line 10 page 10, line 18 - page 15, line 16 page 17, line 24 - page 18, line 13 page 24, line 2 - page 25, line 15 page 26, line 13 - line 26 page 35, line 14 - page 39, line 14 claims 1,12 ----- -/-	1-6
Y		7-11

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

18 July 2005

Date of mailing of the International search report

29/07/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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Y	ROSSIER J S ET AL: "ENZYME LINKED IMMUNOSORBENT ASSAY ON A MICROCHIP WITH ELECTROCHEMICAL DETECTION" LAB ON A CHIP, ROYAL SOCIETY OF CHEMISTRY, CAMBRIDGE, GB, vol. 1, no. 2, December 2001 (2001-12), pages 153-157, XP009030699 ISSN: 1473-0197 page 154, left-hand column, paragraph 1 – right-hand column, paragraph 3; figure 1	7-11
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Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Information on patent family members

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